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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On July 15, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: Shirley D. Permac

PATENT
Attorney Docket No.: A5031/T43300
Client Ref. No.: 005031 USA/TCG/WCVD/LE
TTC No. 016301-043300US

#91A
7/23/03
Smith

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SCOTT BRAD HERNER

Application No.: 10/078,016

Filed: February 15, 2002

For: HIGH THROUGHPUT PROCESS
FOR THE FORMATION OF A
REFRACTORY METAL NUCLEATION
LAYER

Examiner: Thanh T. Nguyen

Art Unit: 2813

RESPONSE TO OFFICE ACTION
Mailed January 15, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed January 15, 2003, please enter the following amendments and remarks. A petition for a three month extension of time to respond is filed herewith.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.

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